

Title (en)  
Touch probe

Title (de)  
Tastkopf

Title (fr)  
Sond de contact

Publication  
**EP 1519138 A3 20090429 (DE)**

Application  
**EP 04011488 A 20040514**

Priority  
DE 10344865 A 20030926

Abstract (en)  
[origin: EP1519138A2] With respect to the longitudinal axis (X), core beams (S13-S18) from two mutually-adjacent transmitter components (13-18) have differing beam angles (alpha , beta ).

IPC 8 full level  
**G01B 5/012** (2006.01); **B23Q 17/24** (2006.01); **B23Q 35/24** (2006.01); **G01B 7/012** (2006.01); **G08C 17/00** (2006.01); **G08C 23/04** (2006.01)

CPC (source: EP)  
**B23Q 17/24** (2013.01); **G01B 21/047** (2013.01); **G01B 2210/58** (2013.01)

Citation (search report)  
• [X] DE 10009942 C2 20020221 - PEPPERL & FUCHS [DE]  
• [DA] DE 3422180 A1 19841220 - GTE VALERON CORP [US]  
• [A] WO 0167033 A1 20010913 - RENISHAW PLC [GB], et al  
• [A] US 6115927 A 20000912 - HENDRIX BILL [US]  
• [A] DE 20004972 U1 20001109 - PEPPERL & FUCHS [DE]

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL HR LT LV MK

DOCDB simple family (publication)  
**EP 1519138 A2 20050330; EP 1519138 A3 20090429; EP 1519138 B1 20100728**; AT E475860 T1 20100815; DE 10344865 A1 20050421; DE 502004011437 D1 20100909

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